

FEW IMPROVEMENTS TO AN ALGORITHM FOR PREPARING PERT NETWORKS

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ABSTRACT

PERT networks are popular in monitoring project progress. While preparing PERT networks of sizes, invariably dummies have to be introduced. Problem of drawing PERT network with minimum number of dummies is NP-complete (Krishnamoorthy and Deo, 1979). Hence, polynomial time heuristics (See Sharma, 1998) are used for preparing PERT networks with as less dummies as possible. In this paper, we give few polynomial time heuristics that further reduce the number of dummies in PERT networks when prepared by algorithm given by Sharma, 1998.

Keywords: